

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P21221		Serial No. 09/977,703						
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Moriyasu SHIRAYANAGI								
				Filing Date October 16, 2001		Group 2873						
U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER			DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
HD	5	0	5	0	9	7	9	09/24/91	SHINOHARA	—	—	
HD	5	0	5	0	9	8	0	09/24/91	SHINOHARA	—	—	
HD	5	3	5	3	0	7	2	10/04/94	TEJIMA et al.	—	—	
HD	5	5	5	0	6	0	0	08/27/96	UENO	—	—	
HD	5	6	1	0	6	7	0	03/11/97	UENO	—	—	
FOREIGN PATENT DOCUMENTS												
	DOCUMENT NUMBER			DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)												
EXAMINER												
DATE CONSIDERED												
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